

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5295225" "5617472").pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/02/11 13:37
S2	51	("4364048" "4947171" "5734674" "4628529" "4630305" "4630304" "5267320" "5432859" "5909178" "4535473" "4587560" "4589137" "4768203" "4811404" "4965834" "5247470" "5491747" "5638305" "5647366" "5684482" "5706394" "5708433" "5821807" "6011824" "6054705" "6177906" "4358797" "4374396" "4388638" "4401987" "4463381" "4566083" "4591805" "4780885" "4791390" "4813031" "4848698" "4856084" "4983496" "5012519" "5185657" "5202924" "5209237" "5218418" "5250796" "5266908" "5274375" "5448531" "5474078" "5475210").pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/21 14:18
S3	7	(speech adj detecting adj device). ti.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/21 14:18
S4	8	("5509102"   "5649055"   "5963901"   "6104993"   "6122610"   "6154721"   "6202046"   "6321194").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 14:20
S5	8	("5509102"   "5649055"   "5963901"   "6104993"   "6122610"   "6154721"   "6202046"   "6321194").PN. and noise	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 14:20
S6	10	("5963901").URPN.	USPAT	OR	ON	2004/12/21 14:26
S7	1	("6618701").URPN.	USPAT	OR	ON	2004/12/21 14:28
S8	17	("4052568"   "4672669"   "5276765"   "5278944"   "5553134"   "5659622"   "5781883"   "5839101"   "5875423"   "5881091"   "5926060"   "5963901"   "6023674"   "6061647"   "6097820"   "6108610"   "RE35867").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 14:28

S9	17	("4052568"   "4672669"   "5276765"   "5278944"   "5553134"   "5659622"   "5781883"   "5839101"   "5875423"   "5881091"   "5926060"   "5963901"   "6023674"   "6061647"   "6097820"   "6108610"   "RE35867").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 14:30
S10	2	("4052568"   "4672669"   "5276765"   "5278944"   "5553134"   "5659622"   "5781883"   "5839101"   "5875423"   "5881091"   "5926060"   "5963901"   "6023674"   "6061647"   "6097820"   "6108610"   "RE35867").PN. and echo adj cancellation and noise	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 14:31
S11	10	(US-20020138255-\$).did. or (US-5295225-\$ or US-5617472-\$ or US-5839101-\$ or US-5963901-\$ or US-6490554-\$ or US-6618701-\$).did. or (JP-06083391-\$ or JP-07092988-\$ or JP-2000305579-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2004/12/22 05:58
S12	2	S11 and (duplex and (echo and (voice or speech)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/22 06:06
S13	162	akira.in. and speech.ti.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/22 06:07
S14	36	akira.in. and speech.ti. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/22 06:10
S15	9	akira.in. and speech.ti. and matsushita.as. and noise	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/22 06:10
S16	0	(telephone and conference and (disable near (noise adj suppress\$))).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 08:44
S17	0	((telephone or conference) and (disable near (noise adj suppress\$))).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 08:55

S18	0	((telephone or conference or speaker) and (disable near (noise near estimate))).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 08:55
S19	5	((telephone or conference or speaker) and (disable near noise)).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 09:57
S20	15	("5473702").URPN.	USPAT	OR	ON	2005/02/11 09:01
S21	6	("4953217"   "5182774"   "5251263"   "5384843"   "5473702"   "5481615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/11 09:04
S22	4	("6041126").URPN.	USPAT	OR	ON	2005/02/11 09:05
S23	6	((telephone or conference or speaker) and ((audio or speech) near (disable or stop or reduce) near noise)).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 09:59
S24	0	((telephone or conference or speaker) and ((audio or speech) near (noise near calculation))).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 10:00
S25	4	((telephone or conference or speaker) and ((audio or speech) same (noise near calculation))).ti,ab,bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/11 10:00
S26	24	("5920834").URPN.	USPAT	OR	ON	2005/02/11 10:04
S27	5	("5657422"   "5696821"   "5920834"   "6061647"   "6434110").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/11 10:07
S28	10	("5696821").URPN.	USPAT	OR	ON	2005/02/11 11:08
S29	7	("4282411"   "4629829"   "4726062"   "4984265"   "5222251"   "5475731"   "5544242").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/11 11:13
S30	1	("4282411"   "4629829"   "4726062"   "4984265"   "5222251"   "5475731"   "5544242").PN. and (voice near detect\$)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/11 11:14
S31	24	("5657422").URPN.	USPAT	OR	ON	2005/02/11 12:30
S32	24	("5657422").URPN.	USPAT	OR	ON	2005/02/11 12:34
S33	5	("4720802"   "4864561"   "5276765"   "5410632"   "5459814").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/11 12:34

S34	50	("5459814").URPN.	USPAT	OR	ON	2005/02/11 12:35
S35	7	("5617472").URPN.	USPAT	OR	ON	2005/02/11 13:36
S36	0	("5295225" "5617472").URPN. and (opposite near direction)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/02/11 13:38
S37	3	("5295225" "5617472").URPN. and (direction)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/02/11 13:38
S38	4	(noise and level and conferencing).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:48
S39	24	"2305909"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:50
S40	11	"2305909" and (noise or microphone or speech or conference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:56
S41	3	("4215241" or "3814876" or "3962553" or "4484344").pn. and (noise or microphone or speech or conference) and (direction or duplex or full-duplex or bidirectional or bi-directional)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:57
S42	16	("5295225").URPN.	USPAT	OR	ON	2005/08/04 07:16
S43	14	("3403224"   "3974336"   "4628529"   "4630304"   "4630305"   "4696040"   "4720802"   "4918732"   "5012519"   "5295225"   "5390280"   "5544250"   "5550924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 07:13

S45	1	("3403224"   "3974336"   "4628529"   "4630304"   "4630305"   "4696040"   "4720802"   "4918732"   "5012519"   "5295225"   "5390280"   "5544250"   "5550924").PN. and (((halt or disable) with (noise or estimate orestimation)) or (duplex or full-duplex or bidirectional))	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 07:15
S46	2	("5295225").URPN. and (((halt or disable) with (noise or estimate orestimation)) or (duplex or full-duplex or bidirectional))	USPAT	OR	ON	2005/08/04 07:16
S47	31	(US-20010036281-\$ or US-20030130839-\$ or US-20020138255-\$).did. or (US-6061647-\$ or US-D421002-\$ or US-5838787-\$ or US-6490554-\$ or US-5459814-\$ or US-6282176-\$ or US-5657422-\$ or US-5295225-\$ or US-6363345-\$ or US-6618701-\$ or US-6001131-\$ or US-5920834-\$ or US-6697486-\$ or US-6816591-\$ or US-5696821-\$ or US-5839101-\$ or US-5963901-\$ or US-6125179-\$ or US-5706394-\$ or US-5473702-\$ or US-5617472-\$).did. or (JP-2000305579-\$ or JP-11205460-\$ or JP-06083391-\$ or JP-07092988-\$).did. or (FR-2305909-\$ or US-20030130839-\$ or EP-156826-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/08/04 08:00
S48	5	S47 and (tone with (speech or voice or detection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 08:24
S49	60	((voice or speech ) near (detection or detector or activity)) and ((echo adj cancel\$) same (fullduplex or full-duplex or bi-directional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:13
S50	18	((voice or speech ) near (detection or detector or activity)) same ((echo adj cancel\$) same (fullduplex or full-duplex or bi-directional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 08:44
S51	11	("5646990").URPN.	USPAT	OR	ON	2005/08/04 08:36

S52	7	("5646990"   "5721730"   "5982755"   "6272106"   "6385176"   "6434110"   "6574336").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 08:38
S53	21	((voice or speech ) near (detection or detector or activity)) and ((echo adj cancel\$) same (fullduplex or full-duplex or bi-directional)) and (noise near (estimator or level or detection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 08:56
S54	5	((voice or speech ) near (detection or detector or activity)) and (noise adj (estimator or detector or detection)) with (disable or halt or stop or inhibit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 08:56
S55	1	(bi-directional and echo and cancellers and voice).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:04
S56	2	"61201507"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:05
S57	35	(US-20010036281-\$ or US-20030130839-\$ or US-20020138255-\$).did. or (US-6061647-\$ or US-D421002-\$ or US-5838787-\$ or US-6490554-\$ or US-5982755-\$ or US-5459814-\$ or US-6282176-\$ or US-6385176-\$ or US-5657422-\$ or US-5295225-\$ or US-5646990-\$ or US-5612996-\$ or US-6363345-\$ or US-6618701-\$ or US-6001131-\$ or US-5920834-\$ or US-6697486-\$ or US-6816591-\$ or US-5696821-\$ or US-5839101-\$ or US-5963901-\$ or US-6125179-\$ or US-5706394-\$ or US-5473702-\$ or US-5617472-\$).did. or (JP-2000305579-\$ or JP-11205460-\$ or JP-06083391-\$ or JP-07092988-\$).did. or (FR-2305909-\$ or US-20030130839-\$ or EP-156826-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/08/04 10:06

S58	3	S57 and ((speech or voice) near (activity or detector)) same tone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:08
S59	5	S57 and ((speech or voice) near (activity or detector)) and tone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:08
S60	776	((voice or speech ) near (detection or detector or activity)) same tone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:13
S61	66	(voice adj activity adj (detection or dector)) with tone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:14
S62	127	(voice adj activity adj (detection or detector)) with tone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:14
S63	10	((voice adj activity adj (detection or detector)) with tone).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 10:14

S64	36	(US-20010036281-\$ or US-20030130839-\$ or US-20020138255-\$).did. or (US-6061647-\$ or US-D421002-\$ or US-5838787-\$ or US-6490554-\$ or US-5982755-\$ or US-5459814-\$ or US-6282176-\$ or US-6385176-\$ or US-5657422-\$ or US-4052568-\$ or US-5295225-\$ or US-5646990-\$ or US-5612996-\$ or US-6363345-\$ or US-6618701-\$ or US-6001131-\$ or US-5920834-\$ or US-6697486-\$ or US-6816591-\$ or US-5696821-\$ or US-5839101-\$ or US-5963901-\$ or US-6125179-\$ or US-5706394-\$ or US-5473702-\$ or US-5617472-\$).did. or (JP-2000305579-\$ or JP-11205460-\$ or JP-06083391-\$ or JP-07092988-\$).did. or (FR-2305909-\$ or US-20030130839-\$ or EP-156826-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/08/04 11:39
S65	0	S64 and (echo adj (cancelation or cancel)) same (advantage or advantages)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 11:40
S66	10	S64 and (echo adj (cancelation or cancel or canceller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 11:40

S67	36	(US-20010036281-\$ or US-20030130839-\$ or US-20020138255-\$).did. or (US-6061647-\$ or US-D421002-\$ or US-5838787-\$ or US-6490554-\$ or US-5982755-\$ or US-5459814-\$ or US-6282176-\$ or US-6385176-\$ or US-5657422-\$ or US-4052568-\$ or US-5295225-\$ or US-5646990-\$ or US-5612996-\$ or US-6363345-\$ or US-6618701-\$ or US-6001131-\$ or US-5920834-\$ or US-6697486-\$ or US-6816591-\$ or US-5696821-\$ or US-5963901-\$ or US-5839101-\$ or US-6125179-\$ or US-5706394-\$ or US-5473702-\$ or US-5617472-\$).did. or (JP-2000305579-\$ or JP-11205460-\$ or JP-06083391-\$ or JP-07092988-\$).did. or (FR-2305909-\$ or US-20030130839-\$ or EP-156826-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/08/05 06:56
S68	12	S67 and (noise near (calculator or calculation or estimator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 06:59
S69	10	S67 and ((noise near (calculator or calculation or estimator)) same (speech or voice or activity or talk or talking))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:08
S70	1	S67 and ((voice adj activity) or VAD) same (noise near (calculator or calculation or estimator)) same ((no or free adj of) near (speech or voice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:11
S71	0	(echo adj (cancelation or canceller)) and ((voice adj activity) or VAD) same (noise near (calculator or calculation or estimator)) same ((no or free adj of) near (speech or voice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:16
S72	1	(echo adj (cancelation or canceller) or cancellor)) and ((voice adj activity) or VAD) and (noise near (calculator or calculation or estimator)) same ((no or free adj of) near (speech or voice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:18

S73	1	((voice adj activity) or VAD) same (noise near (calculator or calculation or estimator)) same ((no or free adj of) near (speech or voice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:20
S74	18	((voice adj activity) or VAD) same ((noise or background) with (determine or determination or calculator or calculation or estimator)) same ((no or free adj of) near (speech or voice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/05 07:21

File 348:EUROPEAN PATENTS 1978-2004/Dec W02

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File 349:PCT FULLTEXT 1979-2002/UB=20041223,UT=20041216

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Set	Items	Description
S1	3818	ECHO(3N)(CANCEL? OR DISABL? OR HALT? OR STOP?? OR STOPPING OR CEAS? OR END??? OR BREAK? OR TERMINAT? OR REDUC? OR COMPEN- SAT? OR MODIF? OR ADJUST? OR CORRECT? OR MITIGAT?)
S2	199296	AUDIO OR NOISE
S3	75944	VOICE OR SPEECH
S4	624023	SIGNAL??
S5	1927	(CONFERENCE OR MEETING)(3N)(ROOM?? OR SETTING?? OR OFFICE?- ?)
S6	1459	CONFERENCE?(3N)SYSTEM?
S7	4740	AUDITORIUM OR THEATRE OR THEATER
S8	964	SPEAKERPHONE? OR SPEAKER()PHONE??
S9	38064	BIDIRECTION??? OR BI-DIRECTION??? OR BI()DIRECTION???
S10	5038	FULL()DUPLEX? OR FULL()DUPLEX?
S11	4	AU=(BEAUCOUP, F? OR TETELBAUM, M? OR BEAUCOUP F? OR TETELB- AUM M?)
S12	2	S1 AND S11
S13	7	S1(S)S2(S)S3(S)S5
S14	7	S13 NOT S12
S15	6	S14 NOT AD=20020110:20041227/PR
S16	148	(DETECT? OR LOCAT? OR MONITOR? OR CONTROL? OR MANAG? OR ES- TIMAT?)(3N)SIGNAL??(S)S1(S)S2(S)S3
S17	1	S16(S)S6
S18	0	S17 NOT (S15 OR S12)
S19	8	S16(S)(S7 OR S8)
S20	8	S19 NOT (S15 OR S12)
S21	7	S20 NOT AD=20020110:20041227/PR
S22	12	S16(S)(S9 OR S10)
S23	9	S22 NOT (S19 OR S15 OR S12)
S24	7	S23 NOT AD=20020110:20041227/PR

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)  
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200482  
(c) 2004 Thomson Derwent

Set	Items	Description
S1	5224	ECHO(3N) (CANCEL? OR DISABL? OR HALT? OR STOP?? OR STOPPING OR CEAS? OR END??? OR BREAK? OR TERMINAT? OR REDUC? OR COMPEN- SAT? OR MODIF? OR ADJUST? OR CORRECT? OR MITIGAT?)
S2	460396	AUDIO OR NOISE
S3	156898	VOICE OR SPEECH
S4	2352987	SIGNAL??
S5	1604997	(DETECT? OR LOCAT? OR MONITOR? OR CONTROL? OR MANAG? OR ES- TIMAT?) AND S4
S6	1991	(CONFERENCE OR MEETING) (3N) (ROOM?? OR SETTING?? OR OFFICE?- ?)
S7	5932	CONFERENCE? (3N) SYSTEM?
S8	5293	AUDITORIUM OR THEATRE OR THEATER
S9	744	SPEAKERPHONE? OR SPEAKER()PHONE??
S10	30775	BIDIRECTION??? OR BI-DIRECTION??? OR BI()DIRECTION???
S11	2103	FULL()DUPLEX? OR FULL()DUPLEX?
S12	14	AU=(BEAUCOUP, F? OR TETELBAUM, M? OR BEAUCOUP F? OR TETELB- AUM M?)
S13	54497	IC=G10L?
S14	253	S1 AND S2 AND S3 AND S5
S15	26	S14 AND (S6 OR S7 OR S8 OR S9)
S16	5	S15 AND (S10 OR S11)
S17	5	S16 NOT AD=20020110:20041227/PR
S18	0	S14 AND S12
S19	5	S12 AND S1
S20	5	S19 NOT S17
S21	1	S20 NOT AD=20020110:20041227/PR
S22	18	S14 AND (S10 OR S11)
S23	2	S22 AND S13
S24	1	S23 NOT (S17 OR S20)

File 2:INSPEC 1969-2004/Dec W2  
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File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning  
File 483:Newspaper Abs Daily 1986-2004/Dec 23  
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Set	Items	Description
S1	9361	ECHO(3N) (CANCEL? OR DISABL? OR HALT? OR STOP?? OR STOPPING OR CEAS? OR END??? OR BREAK? OR TERMINAT? OR REDUC? OR COMPEN- SAT? OR MODIF? OR ADJUST? OR CORRECT? OR MITIGAT?)
S2	1072550	AUDIO OR NOISE
S3	467519	VOICE OR SPEECH
S4	2262123	SIGNAL??
S5	985987	(DETECT? OR LOCAT? OR MONITOR? OR CONTROL? OR MANAG? OR ES- TIMAT?) AND S4
S6	8301	(CONFERENCE OR MEETING) (3N) (ROOM?? OR SETTING?? OR OFFICE?- ?)
S7	16572	CONFERENCE? (3N) SYSTEM?
S8	198999	AUDITORIUM OR THEATRE OR THEATER
S9	939	SPEAKERPHONE? OR SPEAKER() PHONE??
S10	46117	BIDIRECTION??? OR BI-DIRECTION??? OR BI() DIRECTION???
S11	4666	FULL() DUPLEX? OR FULL() DUPLEX?
S12	12	AU=(BEAUCOUP, F? OR TETELBAUM, M? OR BEAUCOUP F? OR TETELB- AUM M?)
S13	0	S12 AND S1
S14	0	S12 AND S2 AND S3
S15	3216	(S10 OR S11) AND S5
S16	10	S15 AND S6:S9
S17	5	S16 AND S1
S18	5	RD S17 (unique items)
S19	789	S1 AND S2 AND S3
S20	318	S19 AND S5
S21	16	S20 AND (S10 OR S11)
S22	14	S21 NOT S18
S23	13	S22 NOT PY=>2003

S24	9	RD S23 (unique items)
S25	318	S1 AND S5 AND S2 AND S3
S26	6	S25 AND (S6 OR S7)
S27	6	S26 NOT (S18 OR S23)
S28	6	RD S27 (unique items)

18/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5804814 INSPEC Abstract Number: B9802-6220M-010, C9802-5260S-019

**Title: An I-phone system design and implementation with a portable speech coding coprocessor**

Author(s): Ruei-Xi Chen; Liang-Gee Chen; Mei-Juan Chen; Tsung-Han Tsai  
Author Affiliation: Dept. of Electr. Eng., Nat. Taiwan Univ., Taipei, Taiwan

Journal: IEEE Transactions on Consumer Electronics Conference Title: IEEE Trans. Consum. Electron. (USA) vol.43, no.4 p.1262-9

Publisher: IEEE,

Publication Date: Nov. 1997 Country of Publication: USA

CODEN: ITCEDA ISSN: 0098-3063

SICI: 0098-3063(199711)43:4L.1262:PSDI;1-M

Material Identity Number: I273-98001

U.S. Copyright Clearance Center Code: 0098-3063/97/\$10.00

Conference Title: 1997 International Conference on Consumer Electronics

Conference Date: 11-13 June 1997 Conference Location: Rosemont, IL, USA

Language: English

Subfile: B C

Copyright 1998, IEE

...Abstract: parts are considered in this box: the speech compression unit, the host interface, and the **speakerphone** module. A low-cost non-delicate speech coprocessor is embedded to process the heavy job of speech coding, a CPLD device is employed to **control** the host access timing, a 16-bit PCM codec and an audio amplifier with acoustic **echo cancellation** features are introduced to optimize the **speakerphone** module. The experimental coding rate is 8.5 kbps. At such a rate, the popular modems can conform to offer **full - duplex** speech in real time. Modern applications of this system include digital simultaneous voice data (DSVD...

...Descriptors: digital **signal** processing chips...

...Identifiers: **speakerphone** module...

...acoustic **echo cancellation** ; ...

... **full - duplex** speech

18/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5351413 INSPEC Abstract Number: B9610-6220C-001

**Title: A TMS320C5x DSP-based full - duplex speaker phone**

Author(s): Mallela, P.P.; Chishtie, M.A.; Kuo, S.M.

Author Affiliation: Northern Illinois Univ., DeKalb, IL, USA

Conference Title: Proceedings of the 5th International Conference on Signal Processing Applications and Technology Part vol.1 p.1-6 vol.1

Publisher: DSP Associates, Waltham, MA, USA

Publication Date: 1994 Country of Publication: USA 2 vol. 1754 pp.

Material Identity Number: XX94-01995

Conference Title: Proceedings of 5th International Conference on Signal Processing Applications and Technology

Conference Date: 18-21 Oct. 1994 Conference Location: Dallas, TX, USA

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Set	Items	Description
S1	16740	ECHO(3N) (CANCEL? OR DISABL? OR HALT? OR STOP?? OR STOPPING OR CEAS? OR END??? OR BREAK? OR TERMINAT? OR REDUC? OR COMPEN- SAT? OR MODIF? OR ADJUST? OR CORRECT? OR MITIGAT?)
S2	2141390	AUDIO OR NOISE
S3	3701285	VOICE OR SPEECH
S4	2013940	SIGNAL??
S5	1352517	(DETECT? OR LOCAT? OR MONITOR? OR CONTROL? OR MANAG? OR ES- TIMAT?) AND S4
S6	309432	(CONFERENCE OR MEETING) (3N) (ROOM?? OR SETTING?? OR OFFICE?- ?)
S7	66037	CONFERENCE? (3N) SYSTEM?
S8	1266911	AUDITORIUM OR THEATRE OR THEATER
S9	32258	SPEAKERPHONE? OR SPEAKER() PHONE??
S10	69790	BIDIRECTION??? OR BI-DIRECTION??? OR BI() DIRECTION???
S11	43607	FULL() DUPLEX? OR FULL() DUPLEX?
S12	0	AU=(BEAUCOUP, F? OR TETELBAUM, M? OR BEAUCOUP F? OR TETELB- AUM M?)
S13	32	S1(S) S2(S) S3(S) (DETECT? OR LOCAT? OR MONITOR? OR CONTROL? - OR MANAG? OR ESTIMAT?) (3N) S4
S14	1	S13(S) S6:S9
S15	4	S13(S) (S10 OR S11)
S16	3	S15 NOT S14
S17	3	RD S16 (unique items)
S18	8	MITEL() KNOWLEDGE() CORP?
S19	0	S1(S) S18
S20	0	S18(S) (S10 OR S11)
S21	2079	S1(S) (S10 OR S11)
S22	21	S21(S) (DETECT? OR LOCAT? OR MONITOR? OR CONTROL? OR MANAG? OR ESTIMAT?) (3N) S4
S23	15	S22(S) S6:S9
S24	14	S23 NOT (S14 OR S15)
S25	14	S24 NOT PY=>2003
S26	4	RD S25 (unique items)